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(21) International Application Number: PCT/US92/09026 (22) International Filing Date: 21 October 1992 (21.10.92) (30) Priority data: 781,552 22 October 1991 (22.10.91) US (71) Applicants: NEW ENGLAND MEDICAL CENTER HOSPITALS, INC. [US/US]; 750 Washington Street, Boston, MA 02111 (US). TUFTS UNIVERSITY [US/US]; Packard Hall, Medford, MA 02155 (US). (72) Inventors: BACHOVCHIN, William, W. ; 71 Warwick Road, Melrose, MA 02176 (US). PLAUT, Andrew, G. ; 750 Washington Street, Boston, MA 02111 (US). FLENTKE, George, R. ; 136 Harrison Avenue, Boston, MA 02111 (US).	(74) Agent: CLARK, Paul, T.; Fish & Richardson, 225 Franklin Street, Boston, MA 02110-2804 (US). (81) Designated States: CA, JP, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE). Published <i>With international search report.</i> (88) Date of publication of the international search report: 18 August 1994 (18.08.94)	
(54) Title: INHIBITORS OF DIPEPTIDYL-AMINOPEPTIDASE TYPE IV (57) Abstract The invention is drawn to potent inhibitors of the enzymatic activity of DP-IV wherein the inhibitors are amino boronic acid analogs of protein.		

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US92/09026

A. CLASSIFICATION OF SUBJECT MATTER

IPC(5) :A61K 37/02; C07K 5/06, 5/08, 5/10

US CL :514/18, 19; 530/330, 331

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/18, 19; 530/330, 331

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US, A, 4,935,493 (RACHOVCHIN) 19 June 1990, see the entire document.	1-6
A	US, A, 4,318,904 (SHAW ET AL.) 09 March 1982, see abstract.	1-6
A	US, A, 4,999,082 (SHENVI ET AL.) 12 February 1985, see Abstract.	1-6
A	US, A, 4,582,821 (KETTNER ET AL.) 15 April 1986, see Abstract.	1-6
A	US, A, 4,636,492 (KETTNER ET AL.) 13 January 1987, see Abstract.	1-6
A	US, A, 4,652,552 (KETTNER ET AL.) 24 March 1987, see Abstract.	1-6

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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Date of the actual completion of the international search

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Date of completion of the international search report

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